BACK PAPERS.

| No. | Date. |
| --- | --- |
| | |

FURTHER PAPERS.

| No. | Date. |
| --- | --- |
| | |

Report to accompany the Estimate for excavating the extension of Thiruppalai offtake 4th Branch channel.

Amount of Estimate Rs ~~4070~~ 4170.

This extension of the Thiruppalai offtake will be excavated for irrigating dry and waste lands and the beds of and wet lands under the tanks noted below:-

| | |
|---|---|
| i. Thirolonathi | ordered to be abandoned in G.O. No. 710 I of 19th August 96. |
| ii. Peppakulam | |
| iii. Pudukambogi | |
| iv. Minnapeachi Kulam 5. | |

and commands an ayacut of 330 acres ~~on the whole~~ in all.

At 2602 ft in the Longl. section an aqueduct with 4 vents is proposed to pass the surplus from Parasuraman patti tank across the channel. The discharge to be provided for is obtained by comparison of the water way allowed for the Madura-alagar coil road and that of the Calingulah as per sketch and calculations attached.

Observations of the floods during this

Enclosures:-

| | |
|---|---|
| Detail Estimate | 7 |
| General Abs. | 1 |
| Statement showing dist. of ... | 1 |
| Land Statt. | 1 |
| Revenue Sh. | 1 |
| Tabular Abs. | 1 |
| Rough Sketch | 1 |
| Estimated Plant | 1 |
| Tracings | 9 |
| Total | 23 |

BACK PAPERS.

| No. | Date. |
|---|---|

FURTHER PAPERS.

| No. | Date. |
|---|---|

# Public Works (1899) Department.

Part four

47

CURRENT No. 1997

From the Chief Engineer for Irrigation

Order

No. 47 I

Dated 25-2-99

Received } 7-3-99

Registered }

Enclosures # 34 (9 plans)

Spare copies + according to file the 10-

SUBJECT.

Thirupallai off-take of the IIt Branch channel Periar Project — Estimate of Rs 4420 for excavating the extension of the — as revised in this office - Note recommending for sanction the —

S/

Public Works Department,

Irrigation Branch.

6 Note recommending for sanction ... of Rs. 4420 for excavating the extension of the Thiruppallai offtake of the Periyar Project

# PROCEEDINGS OF THE MADRAS GOVERNMENT.

Under date the

Read the following

From the Supdg: Engineer 6th Circle — No. 141 M. D. of 2nd February/99. Classified abstract estimate, amtg to Rs. 5420 —

No. 47-I of 25-2-99

Flag A

Note by the Chief Engineer for Irrigation

The Supdg: Engineer, 6th Circle, submits the accompanying estimate for excavating the extension of the Thiruppallai offtake of the 4th Branch channel, Periyar project. The proposed extension will be 1 mile 2000 feet long, of which 1 mile will be maintained by Government. It will irrigate 330 acres, including the beds of four abandoned tanks, ~~and yield a~~ the revenue anticipated therefrom being ~~of~~ Rs. 2938. Owing to errors in the estimate, the amount has been increased in this Office from Rs. 4170 to Rs. 4,420.

The estimate, as revised, may be sanctioned.

Issue

4.3.99

W.H.

[illegible]
4/3/99

Over

this monsoon shows that the M.W.L. on the Calingulah cannot be more than that allowed and that the water way provided is ample.

Necessary drops and sluices have been provided to command the whole area of 330 acres.

The channel will be maintained up to the drop of 2 feet at 5280 ft.

Work will be carried out in strict accordance with the provisions of the standard specification and with the best practice of the Department.

J. W. F. Smyth,
Apl Exec. Engineer
Penjar Dio
Madura

Dated 16 dec 78.

251
(557/53)

Order thereon. No: 284 I. 9/182-99

The estimate of Rs. 4420, or Rs. 5420, including establish-ment and tools and plant, ~~charges~~, for excavating the extension of the Thiruppallai offtake of the 4th Branch channel, Periyar project, is sanctioned.

2. This sanction is registered as No. 138. I. of 1898-99 and will expire on the 31st March 1900.

3. Ordered that a copy of these Proceedings be forwarded to the Government of India for information.

Endorsement No: 285 I. 9/183-99.

Forwarded.

23/2/99

WH 25.2.99

To,
The Chief Engineer for Irrigation
" Supg: -do- VI Circle, with 10 enclosures.
" Examiner P.W. Accounts.

(33)

E. I. Form No. ... 1,000-21-4-98.

22.2.99

*Estimate Form—Abstract—Classified.*

| Sub-head. | Names of works. | Amount of estimate for individual work. | Total of sub-heads. | Total for each canal or distributarys | Total of each main head. |
|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 |
| | CAPITAL EXPENDITURE NOT CHARGED TO REVENUE. | RS. | RS. | RS. | RS. |
| | 49. IRRIGATION. | | | | |
| | *Periyár Project.* | | | | |
| | Open Capital Account. | | | | |
| | I. Works. | | | | |
| | 3. Distributaries. | | | | |
| | 4th Branch Channel. | | | | |
| | Thirupallai Offtake. | | | | |
| | Remunerative Work. | | | | |
| | Excavating the Extension of the tail end of Thirupallai Offtake. | | | | |
| 2. Lands .. | 1. Compensation for land .. .. | 100 | | | |
| 3. Works .. | 2. Six-feet drop .. .. .. .. | 520 | 100 | | |
| | 3. Five 6-inch pipe sluices, each Rs. 40 .. .. | 200 | | | |
| | 4. Two 9-inch pipe sluices, each Rs. 75 .. .. | 150 | | | |
| | 5. Three and a half feet drop .. .. .. | 310 | | | |
| | 6. Do. do. small .. .. | 240 | | | |
| | 7. Tail drop, 2 feet .. .. .. .. | 74 | | | |
| | 8. Aqueduct .. .. .. .. .. | 1,600 | | | |
| 4. Earthwork .. | 9. Excavating channel .. .. .. .. | 1,206 | 3,094 | | |
| 5. Miscellaneous. | 10. Demarcation stones .. .. .. .. | 20 | 1,206 | | |
| | | | 20 | | |
| | Total, I. Works .. | .. | .. | 4,420 | |
| | II. Establishment .. | .. | .. | 994 | |
| | III. Tools and plant .. | .. | .. | 6 | |
| | Total, Estimate .. | .. | .. | .. | 5,420 |

2nd February 1899.

O. V. BODDY, Lieut.-Col., R.E.,
Supg. Engineer, VI Circle.

---

No. 47 I.

*Note by the Chief Engineer for Irrigation.*

The Superintending Engineer, VI Circle, submits the accompanying estimate for excavating the extension of the Thirupallai offtake of the 4th Branch channel, Periyár project. The proposed extension will be 1 mile 2,000 feet long, of which 1 mile will be maintained by Government. It will irrigate 330 acres, including the beds of four abandoned tanks, the revenue anticipated therefrom being Rs. 2,938. Owing to errors in the estimate, the amount has been increased in this office from Rs. 4,170 to Rs. 4,420.

The estimate, as revised, may be sanctioned.

(Signed) W. HUGHES,
Chief Engineer for Irrigation.

25th February 1899.

---

ORDER—No. 284 I., dated 18th March 1899.

The estimate of Rs. 4,420, or Rs. 5,420 including establishment and tools and plant, for excavating the extension of the Thirupallai offtake of the 4th Branch channel, Periyár project, is sanctioned.

Qu.5.344
1557/52

3 Pm

**ESTIMATE FORM**—Abstract—Classified.

| Sub-head. | Names of Works. | Amount of Estimate for individual Work. | Total of Sub-heads. | Total for each Canal or Distributary. | Total of each main head. | Remarks. |
|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| | Capital expenditure not charged to revenue. | | | | | |
| | 49 Irrigation | | | | | |
| | Periyar Project | | | | | |
| | Open Capital Account | | | | | |
| | Works | | | | | |
| | 3 Distributaries | | | | | |
| | 14th Branch Channel | | | | | |
| | Irupalai offtake | | | | | |
| | Remunerative work | | | | | |
| | Excavating the extension of the tail end of Irupalai offtake. | | | | | |
| 2. Lands | 1. Compensation for lands | 100 | | | | |
| | | | 100 ✓ | | | |
| 3. Works | 2. 6 feet drop | 520 | ✓ | | | |
| | 3. Five 6 inches pipe sluices each Rs 40 | 200 | ✓ | | | |
| | 4. Two 9 inches pipe sluices each Rs 75 | 150 | ✓ | | | |
| | 5. 3½ feet drop | 310 | ✓ | | | |
| | 6. Do small | 240 | ✓ | | | |
| | 7. Tail drop 2 ft | 74 | ✓ | | | |
| | 8. Aqueduct | ~~1250~~ 1600 | | | | |
| | | | ~~2844~~ 3094 | | | |
| 4. Earthwork | 9. Excavating chl | 1206 | | | | |
| | | | 1206 | | | |
| 5. Miscellaneous | 10. Demarcation stones | 20 | 20 | Rs | | |
| | Total I. works, Dolat Rs. | | | ~~4420~~ ~~4470~~ 4994 | | Rs |
| | ~~II Establishment~~ ~~III Tools & plant~~ | | | 6 | | → 5420 ✓ |
| | | | ~~Total Rs 5420~~ | | | |

J. V. [illegible] Lt Col. R.E.

Station

Dated 188

Supdg. ~~Executive~~ Engineer,
6th Circle

2.5.2

2-2-99

P. W. D. Madras
Form No. M. [illegible]

REFERENCE TO MADRAS P. W. D. CODE.

CHAPTER VII—PARAS 968 & 968 A.

**ESTIMATE FORM**—ABSTRACT CLASSIFIED.

IRRIGATION.

Sixth CIRCLE

DIVISION—Madura

DISTRICT—Madura

---

To accompany the Detailed Estimate No.

of 188 -8 . for* Excavating the Extension of the tail end of Tirupalai offtake 4th Branch channel.

---

* Here enter the Name and Description of work in full.

[illegible] 5/3/[illegible]

Public Works
Marine (1899) Department.

(47)

G.O., No. 284 I
285

DATED 18 March 99

[Despatch Abstract.]

Periyar Project

Estimate of Rs 5420 for Excavating the Extension of the Thenupallai offtake of the 4th Branch Channel, — Pros: ordered to be sanctioned & a copy of the Pros: ordered to be forwarded to the Engr in Chief Periyar Project.

Forwarding copy of Pros: Sanctioning an Estimate of Rs 5420 for excavating the Extension of the Thenupallai offtake of the 4th Branch Channel.

F.L.J.

IRRIGATION.
ACCOUNT.

# Government (1899) of Madras.
## PUBLIC WORKS.

*Recd.* } 1899. *Enclosures*
*Regd.* *Spare copies*

**G.O., Nos. 284, 285 I., 18th March 1899.**

**MARCH.**

**Periyar Project**

Forwarding copy of proceedings, sanctioning an estimate of Rs. 5,420 for excavating the extension of the Thirupallai offtake of the 4th Branch channel, —.

# GOVERNMENT OF MADRAS.

## PUBLIC WORKS DEPARTMENT.

**Irrigation.**
**Account.**

Read—the following papers:—

From Lieutenant-Colonel O. V. BODDY, R.E., Superintending Engineer, VI Circle, to the Chief Engineer for Irrigation, dated Trichinopoly, 2nd February 1899, No. 141 M.D.

I have the honour to submit herewith, for sanction, an estimate, amounting to Rs. 4,170, for excavating the extension of Thirupallai offtake, 4th Branch channel. The area of land that will be brought under cultivation is 330 acres including the beds of four tanks which are to be abandoned. The annual revenue is estimated to be Rs. 2,938. The necessary masonry works are provided as shown in the tabular statement.

---

Enclosures.

Report to accompany the Estimate for excavating the extension of Thirupallai offtake, 4th Branch channel.

| | RS. |
|---|---|
| Amount of estimate ... ... ... ... ... ... ... | 4,170 |

This extension of the Thirupallai offtake will be excavated for irrigating dry and waste lands and the beds of, and wet lands under, the tanks noted below:—

(i) Thirolonath,
(ii) Puppakulam,
(iii) Pudukanmoya,
(iv) Minhaprachikary,

} Ordered to be abandoned in G.O., No. 710 I., of 19th Aug. 1896;

and commands an ayacut of 330 acres in all.

At 2,002 feet in the longitudinal section an aqueduct with four vents is proposed to pass the surplus from Parasuramanpatti tank across the channel. The discharge to be provided for is obtained by comparison of the waterway allowed for the Madura-Alagarkovil road, and that of the calingulah as per sketch and calculations attached; observation of the floods during this monsoon shows that the M.W.L. on the calingulah cannot be more than that allowed and that the waterway provided is ample.

Necessary drops and sluices have been provided to command the whole area of 330 acres.

The channel will be maintained up to the drop of 2 feet at 5,760 ft.

Work will be carried out in strict accordance with the provisions of the standard specification and with the best practice of the department.

(Signed) T. W. S. SMYTH,
Special Ex. Engr., Periyár Divn., Madura.

16th December 1898.

No. 24. D.D.

OFFICE OF THE SUPERINTENDING ENGINEER,
6TH CIRCLE,
Trichinopoly, 2nd February 1899. 8/3.

From

Lt. Col. A. W. Brady R.E.
Superintending Engineer,
6th Circle.

To

The Chief Engineer,
for Irrigation

4 FEB 1899
11 M.D.

SIR,

10 ENCLOSURES.
1. Esti. with report, drainage & other statements complete
1. Sketch map
1. Longl. Section
1. Plan of aqueduct
4. Plans of sluices
2 — do — of Pipe Sluices

I have the honor to submit herewith for sanction an estimate amounting to Rs. 4170 for excavating the extension of Thimpallai offtake, 4th Branch channel. The area of land that will be brought under cultivation is 930 acres including the beds of four tanks which are to be abandoned. The annual Revenue is estimated to be Rs 2938. The necessary masonry works are provided as shown in the Tabular Statement.

I have the honor to be
Sir,
Your most obedt. Servant.

A. W. Brady Lt. Col. R.E.
Supg. Engineer, 6th Circle

2. This sanction is registered as No. 138 I. of 1898–99 and will expire on the 31st March 1900.

3. Ordered that a copy of these Proceedings be forwarded to the Government of India for information.

[Here enter No. 285 I., dated 18th March 1899.]

(True Extract.)

(Signed) W. HUGHES,
Joint Secy. to Government,
Irrigation Branch.

To the Chief Engineer for Irrigation.
" Superintending Engineer, VI Circle, with ten enclosures.
" Examiner, Public Works Accounts.

---

Endorsement—No. 285 I., dated 18th March 1899.

Forwarded.

(By order.)

(Signed) W. HUGHES,
Joint Secy. to Government,
Irrigation Branch

Mad. T. K. Narayana Aiyangar.

Chd
10-2-99.

# Public Works (1899) Department.

**CURRENT No.** 11 M.D.

Urgent

E.I. for orders
[illegible]
7/2/99

*From*
The Supdtg Engineer
W. Circle

No. 141. D.D.

*Order*

Sanction
8/2/99 [illegible]

*Dated* 2nd February 1899.

*Received* 3rd- do-

*Registered*

*Enclosures* 10.

*Spare copies*

SUBJECT.

Thirupalai offtake W.n Branch channel — forwards for sanction an estimate of Rs 4170 for excavating the extension of — Periyar Project.

N.D.E.[illegible]

[illegible] 11/2/[illegible]

[illegible]
6/2/99

[illegible]

Public Works
Marine (1899) Department.

(47)

G.O., No. 284 / 285 I

DATED 18 March 99

5 13/3/99

[Despatch Abstract.]

Periyar Project

Estimate of Rs 5420 for Excavating an Extension of the Thirupoolai offtake of the 4th Branch Channel, — Sanctioned & a copy of the Pro: ordered to be forwarded to the Supg Engineer Periyar Project.

Forwarding copy of Pro: Sanctioning an Estimate of Rs 5420 for Excavating the Extension of the Thirupoolai offtake of the 4th Branch Channel.

F.E.J.

IRRIGATION.
ACCOUNT.

# Government (1899) of Madras.
## PUBLIC WORKS.

*Recd.* } 1899. *Enclosures*
*Regd.* *Spare copies*

**G.O., Nos. 284, 285 I., 18th March 1899.**

**MARCH.**

**Periyar Project**

Forwarding copy of proceedings, sanctioning an estimate of Rs. 5,420 for excavating the extension of the Thirupallai offtake of the 4th Branch channel, —.

## GOVERNMENT OF MADRAS.

## PUBLIC WORKS DEPARTMENT.

### Irrigation.
### Account.

READ—the following papers:—

From Lieutenant-Colonel O. V. BODDY, R.E., Superintending Engineer, VI Circle, to the Chief Engineer for Irrigation, dated Trichinopoly, 2nd February 1899, No. 141 M.D.

I have the honour to submit herewith, for sanction, an estimate, amounting to Rs. 4,170, for excavating the extension of Thirupallai offtake, 4th Branch channel. The area of land that will be brought under cultivation is 330 acres including the beds of four tanks which are to be abandoned. The annual revenue is estimated to be Rs. 2,938. The necessary masonry works are provided as shown in the tabular statement.

---

ENCLOSURES.

REPORT to accompany the Estimate for excavating the extension of Thirupallai offtake, 4th Branch channel.

| | RS. |
|---|---|
| Amount of estimate ... ... ... ... ... ... ... | 4,170 |

This extension of the Thirupallai offtake will be excavated for irrigating dry and waste lands and the beds of, and wet lands under, the tanks noted below:—

(i) Thirolonath,
(ii) Puppakulam,
(iii) Pudukanmoya,
(iv) Minhaprachikary,
} Ordered to be abandoned in G.O., No. 710 I., of 19th Aug. 1896;

and commands an ayacut of 330 acres in all.

At 2,002 feet in the longitudinal section an aqueduct with four vents is proposed to pass the surplus from Parasuramanpatti tank across the channel. The discharge to be provided for is obtained by comparison of the waterway allowed for the Madura-Alagarkovil road, and that of the calingulah as per sketch and calculations attached; observation of the floods during this monsoon shows that the M.W.L. on the calingulah cannot be more than that allowed and that the waterway provided is ample.

Necessary drops and sluices have been provided to command the whole area of 330 acres.

The channel will be maintained up to the drop of 2 feet at 5,760 ft.

Work will be carried out in strict accordance with the provisions of the standard specification and with the best practice of the department.

16th December 1898.

(Signed) T. W. S. SMYTH,
Special Ex. Engr., Periyár Divn., Madura.

## No. 284 I., 18TH MARCH 1899. 

*Estimate Form—Abstract—Classified.*

| Sub-head. | Names of works. | Amount of estimate for individual work. | Total of sub-heads. | Total for each canal or distributarys | Total of each main head. |
|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 |
| | CAPITAL EXPENDITURE NOT CHARGED TO REVENUE. | RS. | RS. | RS. | RS. |
| | 49. IRRIGATION. | | | | |
| | *Periyár Project.* | | | | |
| | Open Capital Account. | | | | |
| | I. Works. | | | | |
| | 3. Distributaries. | | | | |
| | 4th Branch Channel. | | | | |
| | Thirupallai Offtake. | | | | |
| | Remunerative Work. | | | | |
| | Excavating the Extension of the tail end of Thirupallai Offtake. | | | | |
| 2. Lands .. | 1. Compensation for land .. .. | 100 | | | |
| 3. Works .. | 2. Six-feet drop .. .. .. .. | 520 | 100 | | |
| | 3. Five 6-inch pipe sluices, each Rs. 40 .. .. | 200 | | | |
| | 4. Two 9-inch pipe sluices, each Rs. 75 .. .. | 150 | | | |
| | 5. Three and a half feet drop .. .. .. | 310 | | | |
| | 6. Do. do. small .. .. | 240 | | | |
| | 7. Tail drop, 2 feet .. .. .. .. | 74 | | | |
| | 8. Aqueduct .. .. .. .. .. | 1,600 | | | |
| 4. Earthwork .. | 9. Excavating channel .. .. .. .. | 1,206 | 3,094 | | |
| 5. Miscellaneous. | 10. Demarcation stones .. .. .. .. | 20 | 1,206 | | |
| | | | 20 | | |
| | Total, I. Works .. | .. | .. | 4,420 | |
| | II. Establishment .. | .. | .. | 994 | |
| | III. Tools and plant .. | .. | .. | 6 | |
| | Total, Estimate .. | .. | .. | .. | 5,420 |

2nd February 1899.

C. V. BODDY, Lieut.-Col., R.E.,
Supg. Engineer, VI Circle.

---

No. 47 I.

*Note by the Chief Engineer for Irrigation.*

The Superintending Engineer, VI Circle, submits the accompanying estimate for excavating the extension of the Thirupallai offtake of the 4th Branch channel, Periyár project. The proposed extension will be 1 mile 2,000 feet long, of which 1 mile will be maintained by Government. It will irrigate 330 acres, including the beds of four abandoned tanks, the revenue anticipated therefrom being Rs. 2,938. Owing to errors in the estimate, the amount has been increased in this office from Rs. 4,170 to Rs. 4,420.

The estimate, as revised, may be sanctioned.

25th February 1899.

(Signed) W. HUGHES,
Chief Engineer for Irrigation.

---

ORDER—No. 284 I., dated 18th March 1899.

The estimate of Rs. 4,420, or Rs. 5,420 including establishment and tools and plant, for excavating the extension of the Thirupallai offtake of the 4th Branch channel, Periyár project, is sanctioned.

2. This sanction is registered as No. 138 I. of 1898–99 and will expire on the 31st March 1900.

3. Ordered that a copy of these Proceedings be forwarded to the Government of India for information.

[Here enter No. 285 I., dated 18th March 1899.]

(True Extract.)

(Signed) W. HUGHES,
Joint Secy. to Government,
Irrigation Branch.

To the Chief Engineer for Irrigation.
" Superintending Engineer, VI Circle, with ten enclosures.
" Examiner, Public Works Accounts.

Endorsement—No. 285 I., dated 18th March 1899.

Forwarded.

(By order.)

(Signed) W. HUGHES,
Joint Secy. to Government,
Irrigation Branch

Mad. T. K. Narayana Aiyangar.

# Public Works (1899) Department.

Plan(s) form

47 CURRENT No. 1997

From the Chief Engineer for Irrigation

*Order*

No. 47 I

*Dated* 25-2-99

*Received*
*Registered* } 7-3-99

*Enclosures* # 34 (9 plans)

*Spare copies* + according to file No 10.

## SUBJECT.

Thirupallai off take of the III Branch channel Periar Project — Estimate of Rs 4420 for excavating the extension of the — as revised in this office - Note recommending for sanction the —

CS

BACK PAPERS.

| No. | Date. |
| --- | --- |

FURTHER PAPERS.

| No. | Date. |
| --- | --- |

87

PUBLIC WORKS DEPARTMENT,
IRRIGATION BRANCH.

6. Note recommending for sanction estimate of Rs 4420 for excavating the extension of the Thirupallai offtake of the Periyar Project

# PROCEEDINGS OF THE MADRAS GOVERNMENT.

UNDER date the

READ the following

From the Supdg: Engineer 6th Circle — No 141 M. D. of 2nd February/99.
Classified abstract estimate, amtg to Rs 5420 —

No 47 I of 25-2-99

Note by the Chief Engineer for Irrigation

The Supdg: Engineer, 6th Circle, submits the accompanying estimate for excavating the extension of the Thirupallai offtake of the 4th Branch channel, Periyar project. The proposed extension will be 1 mile 2000 feet long, of which 1 mile will be maintained by Government. It will irrigate 330 acres, including the beds of four abandoned tanks, ~~and yield a~~ the revenue anticipated therefrom being ~~of~~ Rs 2938. Owing to errors in the estimate, the amount has been increased in this office from Rs 4170 to Rs 4,420.

The estimate, as revised, may be sanctioned.

Flag A

I.S.Bue

W.H.

4.3.99

I

ICE
4/3/99

Ord

Order thereon. No: 284 I. 18 2-99

The estimate of Rs 4420, or Rs 5420, including establish-ment and tools and plant, ~~charges~~, for excavating the extension of the Theruppallai offtake of the 4th Branch channel, Periyar project, is sanctioned.

2. This sanction is registered as No 138. I. of 1898-99 and will expire on the 31st March 1900.

3. Ordered that a copy of these Proceedings be forwarded to the Government of India for information.

Endorsement No: 285 I. 18 2-99.

Forwarded.

23/2/99

WH 26.2.99

ASA 2.3.99

To,
The Chief Engineer for Irrigation
" Supg: -do- VI Circle,
with 10 enclosures.
" Examiner P.W. Accounts.

(33)

22.2.99

Ckd
10-2-99.

# Public Works (1899 ) Department.

**CURRENT No.** 11 M.D.

Urgent

E.I. for orders
[illegible]
7/2/99

*From*
The Supdg Engineer
K. Circle

*Order*

Sanction
7/2/99 [illegible]

No. 141. D.D.

*Dated* 2nd February 1899.
*Received* 3-4- do
*Registered*
*Enclosures* 10.
*Spare copies*

SUBJECT.

Thirupalai offtake W.? Branch channal — forwards for sanction an estimate of Rs 4170 for excavating the extension of — Periyar Project.

N.D.E.
[illegible] 11/2
[illegible]

[illegible]
6/2/99

BACK PAPERS.

| No. | Date. |
| --- | --- |

FURTHER PAPERS.

| No. | Date. |
| --- | --- |

No 30

Report to accompany the Estimate for excavating the extension of Thiruppalai offtake 4th Branch channel.

Amount of Estimate Rs ~~4070~~ 4170.

Enclosures:-
- Detail Estm - 7.
- General Abs - 1
- Statement showing dist. &c } 1
- Land Stat. 1.
- Revenue St. 1.
- Tabular St - 1.
- Rough Sketch - 1.
- Earthwork cal. Stat. 1.
- Tracings - 9
- Total 23

This extension of the Thiruppalai offtake will be excavated for irrigating dry and waste lands and the beds of and wet lands under the tanks noted below:-

| | |
|---|---|
| 1. Thirolonathe<br>ii Peppakulam<br>iii Pudukambope.<br>iv Minnapeachi Kanys. | } ordered to be abandoned in G.O. No. 710 I of 19th August 96. |

and commands an aggregate of 330 acres in all ~~on the whole~~.

At 2002 ft in the Longl. section an aqueduct with 4 vents is proposed to pass the surplus from Parasuraman patti tank across the channel. The discharge to be provided for is obtained by comparison of the water way allowed for the Madura-alagarcoil road and that of the Caling.alah as per sketch and calculations attached. Observations of the floods during this

this monsoon shows that the M.W.L. on the Calingulah cannot be more than that allowed and that the water way provided is ample.

Necessary drops and sluices have been provided to command the whole area of 330 acres.

The channel will be maintained up to the drop of 2 feet at 5280 f.t.

Work will be carried out in strict accordance with the provisions of the standard specification and with the best practice of the Department.

T. W. Hemingway
Actg Exec. Engineer
Penjar Dio
Madura

Dated 16 Dec 78.

257/53

**ESTIMATE FORM**—ABSTRACT—CLASSIFIED. 3 Pa

| Sub-head. | Names of Works. | Amount of Estimate for individual Work. | Total of Sub-heads. | Total for each Canal or Distributary. | Total of each main head. | REMARKS. |
|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| | Capital expenditure not charged to revenue. | | | | | |
| | 4 Irrigation | | | | | |
| | Periyar Project | | | | | |
| | Open Capital Account | | | | | |
| | Works | | | | | |
| | 3 Distributaries | | | | | |
| | 14th Branch Channel | | | | | |
| | Irupalai offtake | | | | | |
| | Remunerative work | | | | | |
| | Excavating the extension of the tail end of Irupalai offtake. | | | | | |
| 2. Lands | 1. Compensation for Lands | 100 | | | | |
| | | | 100 ✓ | | | |
| 3. Works | 2. 6 feet drop | 520 | ✓ | | | |
| | 3. Five 6 inches pipe sluices each Rs 40 | 200 | ✓ | | | |
| | 4. Two 9 inches pipe sluices each Rs 75 | 150 | ✓ | | | |
| | 5. 3½ feet drop | 310 | ✓ | | | |
| | 6. Do small | 240 | ✓ | | | |
| | 7. Tail drop 2 ft | 74 | ✓ | | | |
| | 8. Aqueduct | ~~1250~~ 1600 | | | | |
| | | | ~~2844~~ 3094 | | | |
| 4. Earthwork | 9. Excavating chl | 1206 | | | | |
| | | | 1206 | | | |
| 5. Miscellaneous | 10. Demarkation Stones | 20 | 20 | Rs | | |
| | Total I. Works, Total Rs. | | | 4420 | | |
| | II Establishment | | | 994 | | Rs |
| | III Tools & plant | | | 6 | | 5420 ✓ |
| | | | Total Est. Rs 5420 | | | |

STATION

Dated 188

J. Pennycuick Lt Col R.E.

Supg Engineer, 6th Circle

2.5.2 2.2.79

P. W. D. Madras.
Form No. M. [illegible]

REFERENCE TO MADRAS P. W. D. CODE.

CHAPTER VII—PARAS 968 & 968 A.

**ESTIMATE FORM**—ABSTRACT CLASSIFIED.

IRRIGATION.

Sixth CIRCLE

DIVISION— Madura

DISTRICT— Madura

To accompany the Detailed Estimate No.

of 188 -8 , for* Excavating the Extension of the tail end of Tirupalai offtake 4th Branch channel.

* Here enter the Name and Description of work in full.

No. 241. I.D.

OFFICE OF THE SUPERINTENDING ENGINEER,
6TH CIRCLE,
Trichinopoly 2nd February 1899. 1873.

18

From

Lt.Col. A. W. Brody R.E.
Superintending Engineer,
6th Circle.

To

The Chief Engineer,
for Irrigation

4 FEB 1899
I. W. D.

SIR,

10 ENCLOSURES.
1. Estimate with report, Drainage & other statements complete
1. Sketch map
1. Longl. Section
1. Plan of aqueduct
4. Plans of sluices
2. do. of 6 ft. Drain

I have the honor to submit herewith for sanction an estimate amounting to Rs. 4170 for excavating the extension of Thimpallai offtake, 4th Branch channel. The area of land that will be brought under cultivation is 330 acres including the beds of four tanks which are to be abandoned. The annual Revenue is estimated to be Rs. 2938. The necessary masonry works are provided as shown in the Tabular Statement.

I have the honor to be
Sir,
Your most obedt. Servant,

A. W. Brody Lt.Col. R.E.
Supg. Engineer, 6th Circle

[illegible initials]

[illegible]
[illegible]